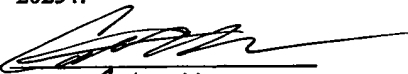




Exhibit 1

PATENT APPLICATION
DOCKET NO. 200209338-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT:	Alexey S. Kabalnov et al.	CERTIFICATE OF DEPOSIT UNDER 37 C.F.R. § 1.8
SERIAL NO.:	10/622,985	I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail, postage prepaid, under 37 C.F.R. § 1.8 on the date indicated below and is addressed to Assistant Commissioner for Patents, Washington, D.C. 20231.
FILED:	July 18, 2003	
FOR:	MAGENTA INK-JET INKS	Name: <u>Catie Weaver</u>
ART UNIT:	1755	<u>June 23, 2005</u>
EXAMINER:	Helene G. Klemanski	Date of Deposit
DOCKET NO.:	200209338-1	

**DECLARATION OF Alexey S. Kabalnov and Charles G. Dupuy
UNDER 37 C.F.R. § 1.131**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

I, Alexey S. Kabalnov and Charles G. Dupuy, declare as follows:

1. I am a named inventor in the above-captioned application and the subject matter described and claimed therein.
2. It is my understanding that various claims in the above-recited patent application have been rejected in view of U.S. Patent Application Nos. 2004/0020405 and 2004/0074018. It is also my understanding that various claims in the above-recited patent application have been

rejected in view of U.S. Patent Nos. 6,808,555; 6,596,067; and 6,843,838.

3. It is further my understanding that:

- a) 2004/0020405 has a 102(e) date of September 16, 2002;
- b) 2004/0074018 has a 102(e) date of February 12, 2002;
- c) 6,808,555 has a 102(e) date of January 30, 2002;
- d) 6,596,067 has a 102(e) date of July 3, 2001; and
- e) 6,843,838 has a 102(e) date of December 31, 2002.

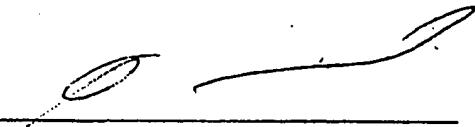
4. The invention as described and claimed in the above-reference patent application was conceived and reduced to practice prior to July 3, 2001, which is the earliest of the 102(e) dates set forth above. I oversaw at least a portion of the development of the dye blends claimed in U.S. Patent Application No. 10/622,985, which development was conducted prior to July 3, 2001. Exhibit 2 contains a redacted version of a report documenting the development and reduction to practice of the invention, which report was prepared by Alexey Kabalnov and Patricia Wang prior to July 3, 2001.

5. I declare that Mitsubishi MJR 732 is a nickel-containing azo dye, and that AR-52 is a rhodamine dye. I further declare that the dye combinations and the absorbance amounts shown in Exhibit 2, namely the combination of Mitsubishi MJR 732 (Abs = 0.10) and AR-52 (Abs = 0.15), fall within the claimed weight ratio range of claim 1 of the present application.

6. I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States

Code, and that such willful, false statement may jeopardize the validity of the application or any patent issuing thereon.

DATED this 23 day of June, 2005



Alexey S. Kabalnov

DATED this _____ day of June, 2005

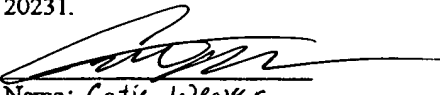
Charles G. Dupuy



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EXAMINER:	Helene G. Klemanski	
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6. I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States

Code, and that such willful, false statement may jeopardize the validity of the application or any patent issuing thereon.

DATED this _____ day of June, 2005 _____
Alexey S. Kabalnov

DATED this 23 day of June, 2005 Charles G. Dupuy
Charles G. Dupuy

TITLE

improving magenta lightfastness

Project No. _____

Book No. _____

From Page No. 52

Table 4. Comparison of the stabilization [REDACTED] 9 year accelerated data, OD = 0.5, failure criterion 25% loss

Dye 1	Dye 2	Paper	Lightfastness, yrs, 25% loss failure criterion, OD = 0.5
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Mitsubishi MJR 732, Abs = 0.10	Mystery dye Abs = 0.15	T3	26
Mitsubishi MJR 732	AR-52 Abs = 0.15	T3	54
Control: Chinook		T3	9.1
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Mitsubishi MJR 732	Mystery dye Abs = 0.15	Swampy	7.2
Mitsubishi MJR 732	AR-52 Abs = 0.15	Swampy	12.7
Control: Chinook Magenta		Swampy	6.3

From Table 4, one can see that the new magenta blends offer a considerable improvement in lightfastness both for Swampy and T3, compared to Chinook. Also, in all cases, AR52 provided a better lightfastness than Mystery Dye, despite its worse lightfastness by itself, which is somewhat counterintuitive. [REDACTED]

The same effect is expected to be seen with some other Rhodamine dyes, e.g., AR 289.

Therefore, this disclosure provides a method to combine the high vividness of the dyes with excellent lightfastness, which is much desirable for universal (plain-paper and photo) printers.

To Page No. _____

Witnessed & Understood by me,

Yong Han

Date

[REDACTED]

Invented by

Alexey Kabanov, Pat Wang

Date

[REDACTED]

Recorded by

BEST AVAILABLE COPY